



**REPRESENTATION OF THE LIE ALGEBRA  $G(0, 1)$   
AND MODIFIED LAGUERRE  
POLYNOMIALS**

Tadayoshi Takebayashi

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**Abstract**

In [A. K. Chongdar and N. K. Majumdar, Group-theoretic study of certain generating functions involving modified Laguerre polynomials, *Mathematica Balkanica*, New Series 7(2) (1993), 143-147], A. K. Chongdar and N. K. Majumdar constructed a representation of the Lie algebra  $G(0, 1)$  using the modified Laguerre polynomials. We give another representation of  $G(0, 1)$  by using the similar polynomials.

**Keywords and phrases:** Lie algebra  $G(0, 1)$ , modified Laguerre polynomials.

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